



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3715
Job Sheet 170470



Part No: 646.3715

Job Qty: 24 ea

Part Name: Strut Doubler



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 2/8/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV A SHEET 6 IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	24 Ea		1/31/18	0.00	0.00	Start Up Waterjet		SC 18/01/26
110	Waterjet	24 pcs		2/1/18	0.00	0.86	Waterjet1		SC 18/01/26
120	QC	24 pcs		2/1/18	0.00	0.00	QC2 Waterjet-1		SC 18/01/26
130	QC	24 pcs		2/1/18	0.00	0.00	QC8-1		213
140	Outsource	24 pcs		2/8/18			ATG001-VC	Outsource 54	AT 18/03/01
150	Packaging	24 pcs		2/8/18	0.00	0.00	Packaging2		AT 18/03/01
160	QC	24 pcs		2/8/18	0.00	0.00	QC5		38
190	Packaging	24 pcs		2/8/18	0.00	0.00	Packaging3-1	CK105	9-89
200	QC21-SA	24 Ea		2/8/18	0.00	0.00	QC21		21

Part Op 110 - 1-Cut as per Dwg

Descriptions: 140 - Issue P/O to ATG : 10038162 Hard Anodize, Color Black and Prime as per Dwg 646.3709

190 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***

FEB 07 2018 13 9-89

MAR 02 2018

MAR 05 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6S.040	1	167	0	0
	5018008	1.15			

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Gusset	3Inches ± 0	3 2		
2	Gusset	3Inches ± 0	3 2		
3	Gusset	0Inches ± 0	0 0		

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐		
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Date : _____ Step #: _____

Job No: 170470
Start up Operation 01/26/18

Change No:
Operation:
Revision:
PART NO: 646.3715
Original Serial #: S035990

Strut Doubler

S035990

MRB (QS1042) Approval

Completed By

Lead hand / Supervisor Approval Verification

QC / QA Coordinator Approval

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	 S035990 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com	Broken/Damage/Detect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐
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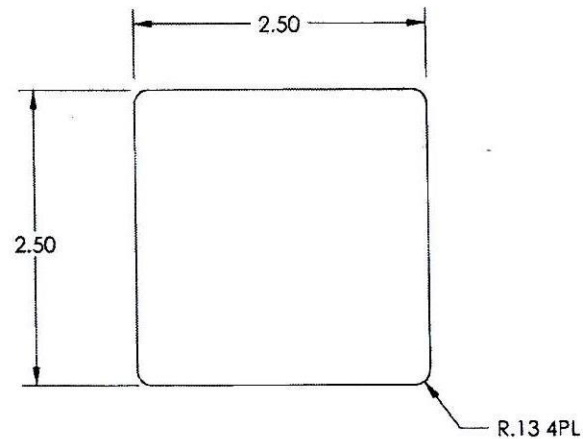
Crimp/Kink/Ripple/Wave ☐
 Cuffs ☐
 Crushing ☐
 Heat Treat ☐
 Wave/Twist in Tube ☐
 Marks/Chatter ☐

Positioned Wrong ☐
 Outside Dimensions ☐
 Over/Under tolerance ☐
 Part Incorrect ☐
 Part Lost/Missing ☐
 Part Moved ☐
 Drawing ☐
 Finish ☐
 Misread ☐
 Turning Sequence ☐

OTHER : _____

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APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



646.3715

NEXT ASSY (S)		ORIGINAL DATE: 08 18 08 DRAWN BY: P. BRAYO CHECKED BY: J. JOSEPH DRAWING APPROVAL: 1. 2011 PM 08 18 08 CONTRACT NO.	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS ARE: 2 PLACE DECIMALS E.C. 3 PLACE DECIMALS F.O.S. ANGLE: 3/32		SHEET CODE: B DWT: 07M26 SCALE: NONE	DWT NO: 646.3700 SHEET 8 OF 9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038962

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038962

PO Date: 2/6/18

Due Date: 2/14/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
FEB 12 2018

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170205	RBW6705G02631-3G-1	Lever Rigging Fork, T/R Actuator CLEAR ANODIZE (RED BARN) -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant - Certificate of Conformity is required	Firmed	2/16/18	2 pcs 8x	0 pcs 7x	2 pcs A7 18/02/16	\$9.38/pcs	\$18.76
2	170188	RBW6705G02431-3G-1	Lever Rigging Fork -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	2/16/18	7 pcs ✓ 7x	0 pcs 7x	7 pcs A7 17/02/16	\$9.38/pcs	\$65.66
3	170797	RB T103311-101	Sleeve Tool -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	2/16/18	6 pcs ✓ 6x	0 pcs 6x	6 pcs A7 18/02/16	\$9.38/pcs	\$56.28
4	170590	RBE350A94-5201-20	Cartridge, Dummy, Fuel -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/16/18	6 pcs ✓ 6x	0 pcs 6x	6 pcs A7 18/02/16	\$13.55/pcs	\$81.30

Plex 2/12/18 10:28 AM dart.lavoie.chanta

PURCHASE ORDER

				Items						
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	171148	RBE703A95-0520-01-1	Quill -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/16/18	6 pcs	0 pcs	6 pcs	\$13.55/pcs	\$81.30
6	170554	647.0113	Strut Doubler Issue P/O to ATG : Hard anodize, Color Black and Prime as Per Dwg 647.0100 Rev. A	Firmed	2/28/18	16 pcs	0 pcs	16 pcs	\$12.80/pcs	\$204.80
7	170470	646.3715	Strut Doubler Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	2/28/18	24 pcs	0 pcs	24 pcs	\$7.30/pcs	\$175.20
8	169913	SWA6A-700	Wire Clamp -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	2/28/18	20 pcs	0 pcs	20 pcs	\$5.10/pcs	\$102.00
9	169727	SWA10A-700	Wire Clamp : IPP Rev A 17.11.08 New issue DP Verify DD -Issue P/O to ATG: -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -Certificate of Conformity is required	Firmed	2/28/18	12 pcs	0 pcs	12 pcs	\$5.10/pcs	\$61.20
10	170474	646.3719	Doubler Issue P/O _____ ATG, balck anodize and prime as per dwg 646.3719 Rev. A	Firmed	2/28/18	24 pcs	0 pcs	24 pcs	\$7.30/pcs	\$175.20
11	168246	646.3716	Gauge Bracket Issue P/O to ATG : _____ ATG, balck anodize and prime as per dwg 646.3716 Rev. A	Firmed	2/28/18	10 pcs	0 pcs	10 pcs	\$7.20/pcs	\$72.00
12	170472	646.3717	Doubler Issue P/O _____ ATG, black anodize and prime as per dwg 646.3717 Rev. A	Firmed	2/28/18	12 pcs	0 pcs	12 pcs	\$7.30/pcs	\$87.60
13	170473	646.3718	Custom Washer Issue P/O _____ ATG, black anodize and prime as per dwg 646.3718 Rev. A	Firmed	2/28/18	30 pcs	0 pcs	30 pcs	\$5.00/pcs	\$150.00
										Grand Total: \$1,331.30

Order Notes



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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914687

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms	Ship Via
	OUR TRUCK

Quantity	Description
	- .9 mils) per drawing. Job: 22507 PO: PO038962 Line: 6
24 ea	Part: 646.3715 Rev: A Strut Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22508 PO: PO038962 Line: 7

CERTIFICATE OF CONFORMANCE

A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.

Date:

28/2/18

Certified Signature:

[Signature]

Receiver Signature:

A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.

Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.

Made in Canada.